

Burton et al.

Generic Method for Resource Monitoring
Configuration in Provisioning Systems

1/8

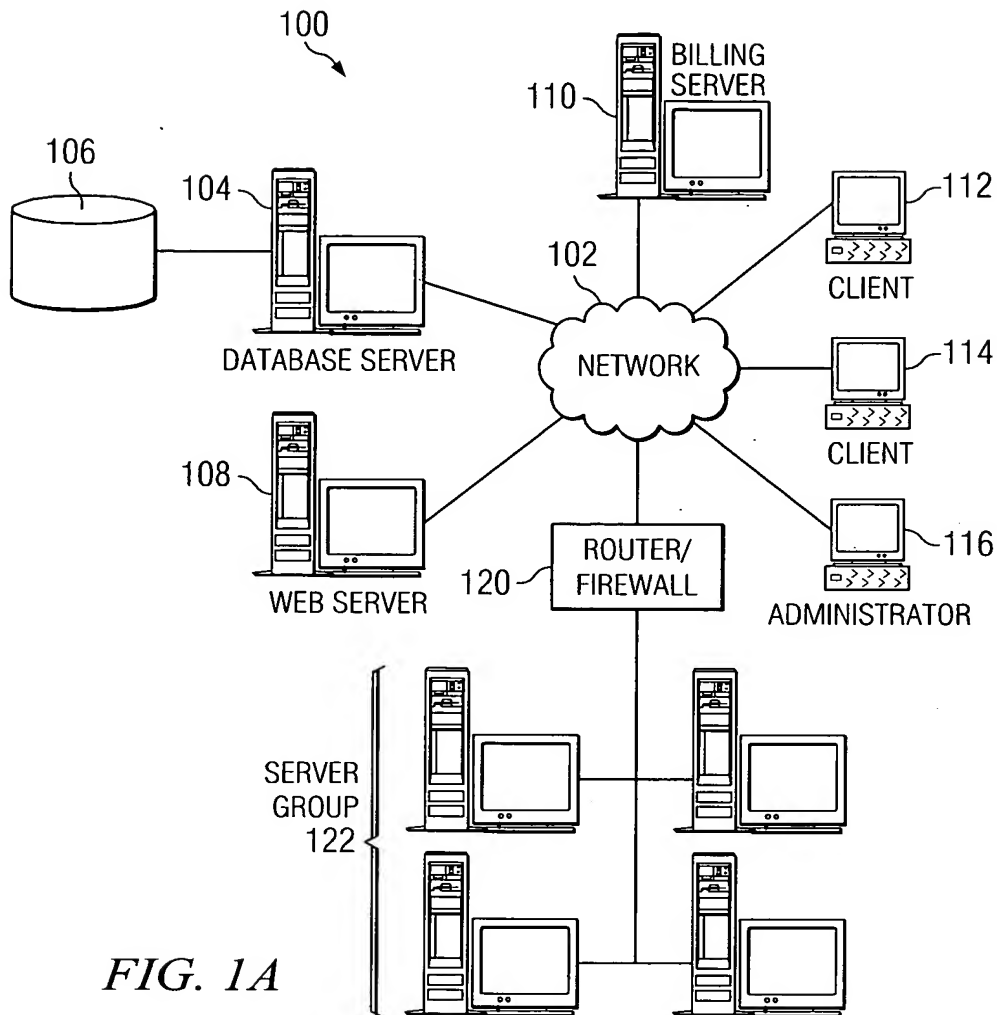


FIG. 1A

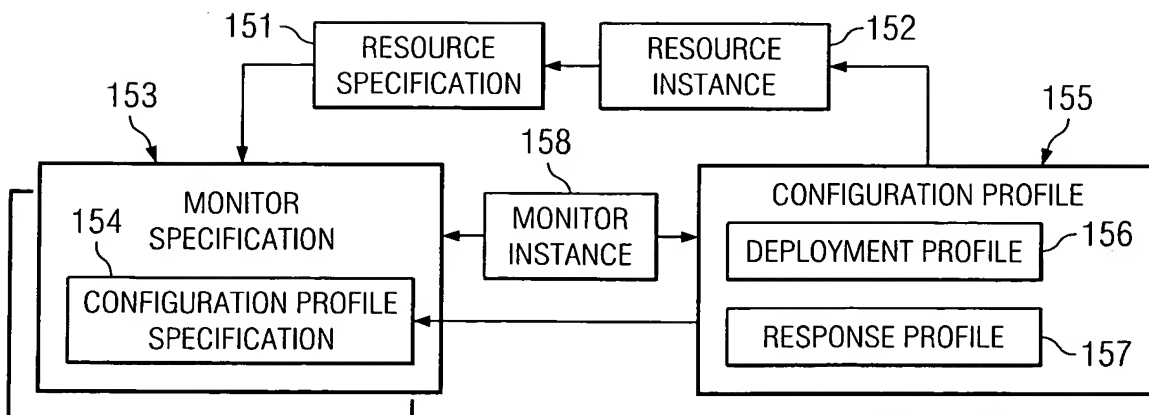


FIG. 1B

FIG. 2

Resource Management

Monitor specification: configuration parameters

Define Parameters

☐ This specification requires manual intervention to configure
 (M)Description of manual intervention:

Add Parameter

Name: Caption: Default:

Prompt Min Length Max Length Data Type

☒ Overrideable ☐ Must Override ☐ Manual Intervention ☐ Cannot Override

202 ☒ Deployment 204 ☐ Response

Add Parameter

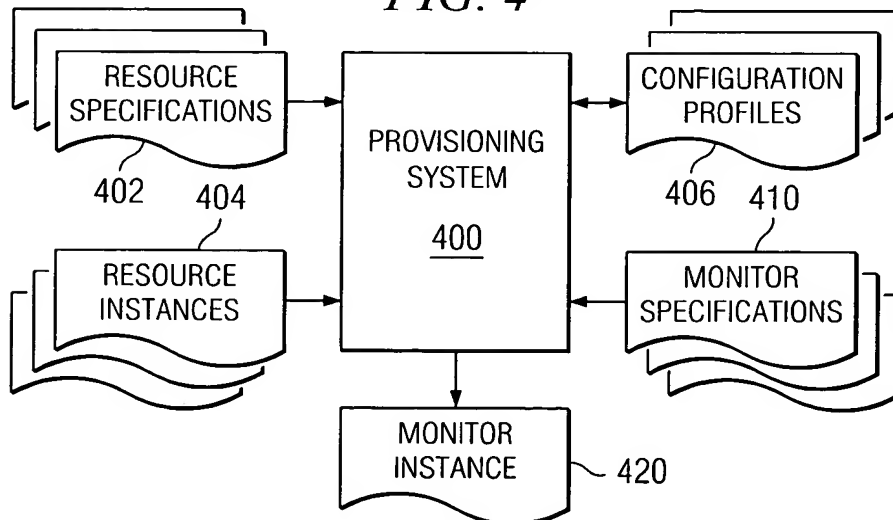
	Name	Caption	Default	Override Rule	Prompt	Min Len	Max Len	Data Type
<input checked="" type="radio"/>	ipaddr	ip addr		Must Override		8	25	text
<input type="radio"/>								

Return to Specification

Cancel

Delete Parameter

FIG. 4



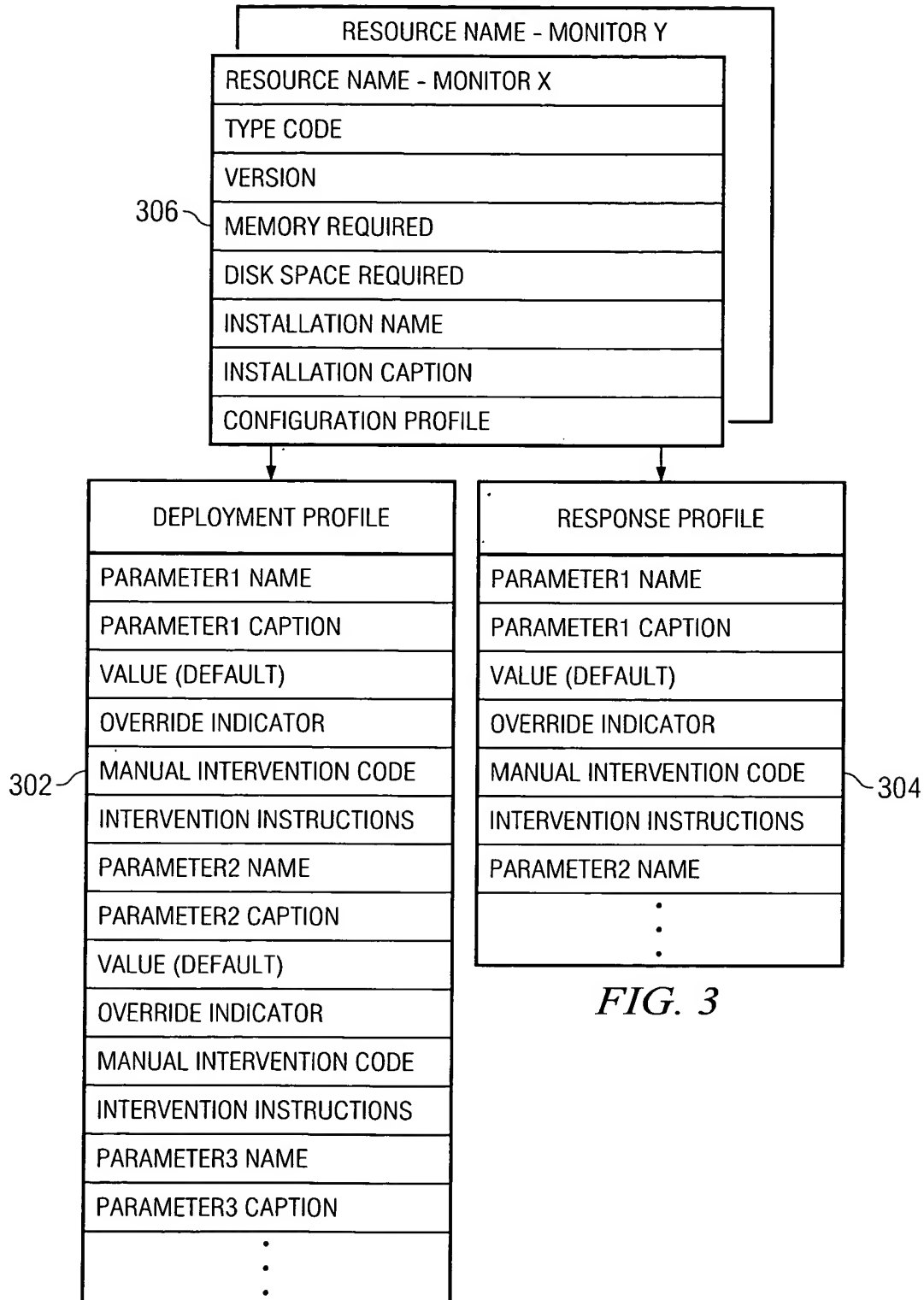


FIG. 3

Port Checking Pattern Matching Monitor (PCPMM)

- a. Parameters for monitor provisioning:
 - i. Input: ip_address, port, retries, timeout, cycle time
 - ii. Output: none
- b. Parameters for monitor de-provisioning:
 - i. Input: port
 - ii. Output: none

*FIG. 5A***MQ Monitor PAC (ITMMQ)**

- a. Parameters for monitor provisioning:
 - i. Input: endpoint_label, definition_filename
 - ii. Output: MQ_management_domain, profile_manager_label, MQ_Tmw2Profile_name, MQ_Qmgr_object
- b. Parameters for monitor de-provisioning:
 - i. Input: MQ_management_domain, profile_manager_label, MQ_Tmw2kProfile_name, MQ_Qmgr_object
 - ii. Output: none

*FIG. 5B***Websphere Monitor PAC (ITMWS)**

- a. Parameters for monitor provisioning:
 - i. Input: endpoint_label, nodename, fully_quality_host_name, itm_policy_region, os_type, admin_port_number, websphere_version, websphere_security_enabled, websphere_security_properties_file, websphere_install_path, app_server_name, has_web_module, has_ebj_module, adminserver_definition_filename, appserver_definition_filename, ws_fava_path
 - ii. Output: ws_policy_region, adminserver_profile_manager, appserver_profile_manager, adminserver_tmw2kprofile, appserver_tmw2kprofile, adminserver_object_level
- b. Parameters for monitor de-provisioning:
 - i. Input: ws_policy_region, adminserver_profile_manager, appserver_profile_manager, adminserver_tmw2kprofile, appserver_tmw2kprofile, adminserver_object_label
 - ii. Output: none

FIG. 5C

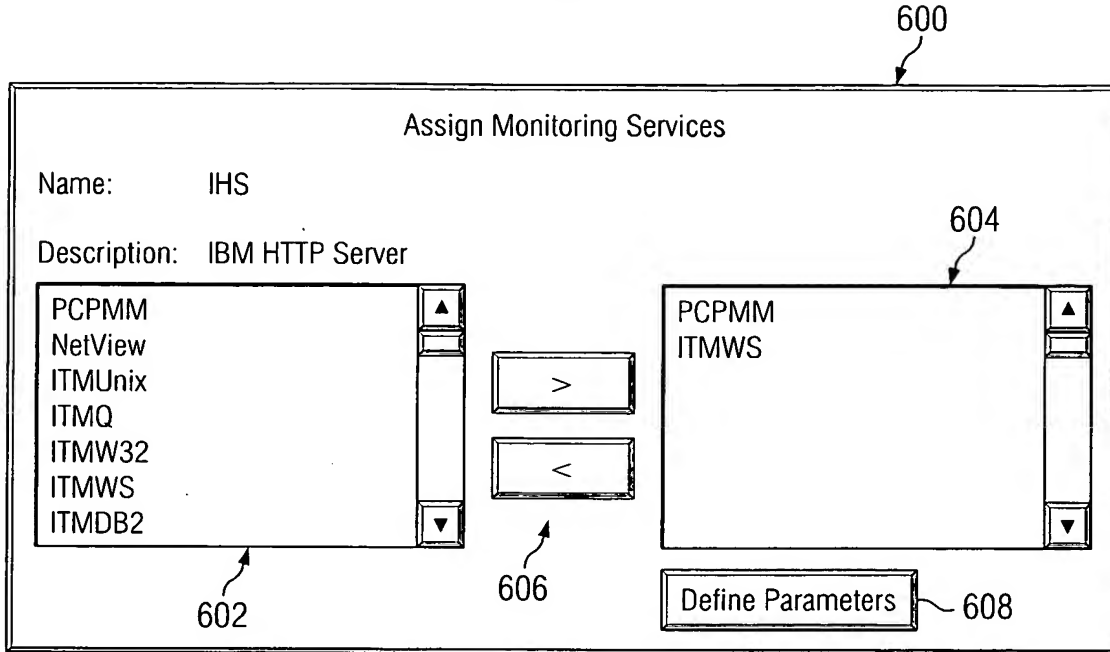


FIG. 6

700

Define Monitoring Service Parameters for Provisioning

Name: IHS

Description: IBM HTTP Server

Monitoring Service: PCPMM

702

Parameter Name	Default Value	Value	Constraints	Comments
port		<input type="text"/>	Must Override	Comma-delimited list
retries	2	<input type="text"/>	Can Override	
timeout	15	<input type="text"/>	Can Override	
cycle_time	300	<input type="text"/>	Cannot Override	Read it and weep

704

OK 706

FIG. 7

6/8

Define Monitoring Parameters for De-Provisioning

Name: WebSphere
 Description: WebSphere Application Server
 Monitoring Service: ITMWS

Parameter Name	Default Value	Value	Constraints	Comments
policy region		<input type="text"/>	Must Override	Comma-delimited list

800

FIG. 8

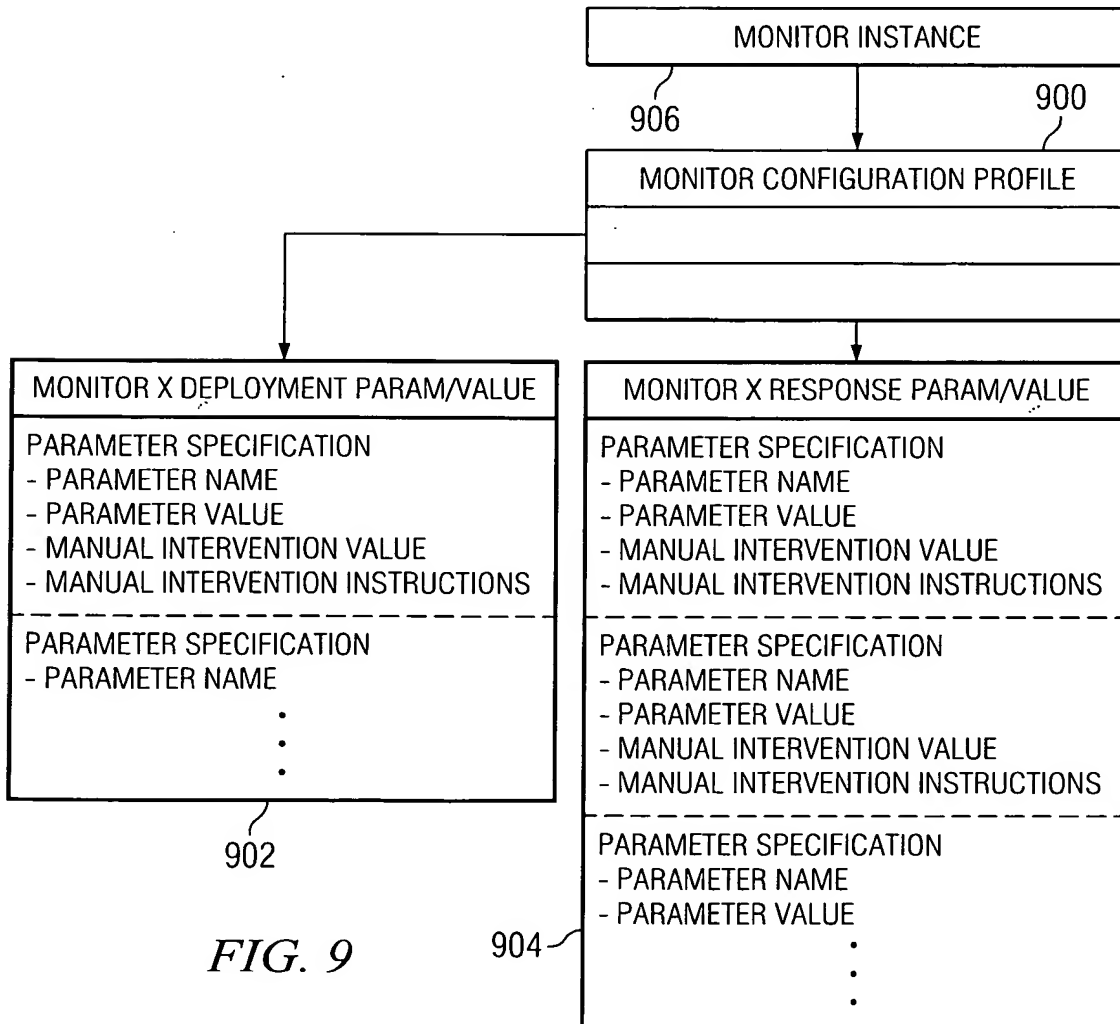


FIG. 9

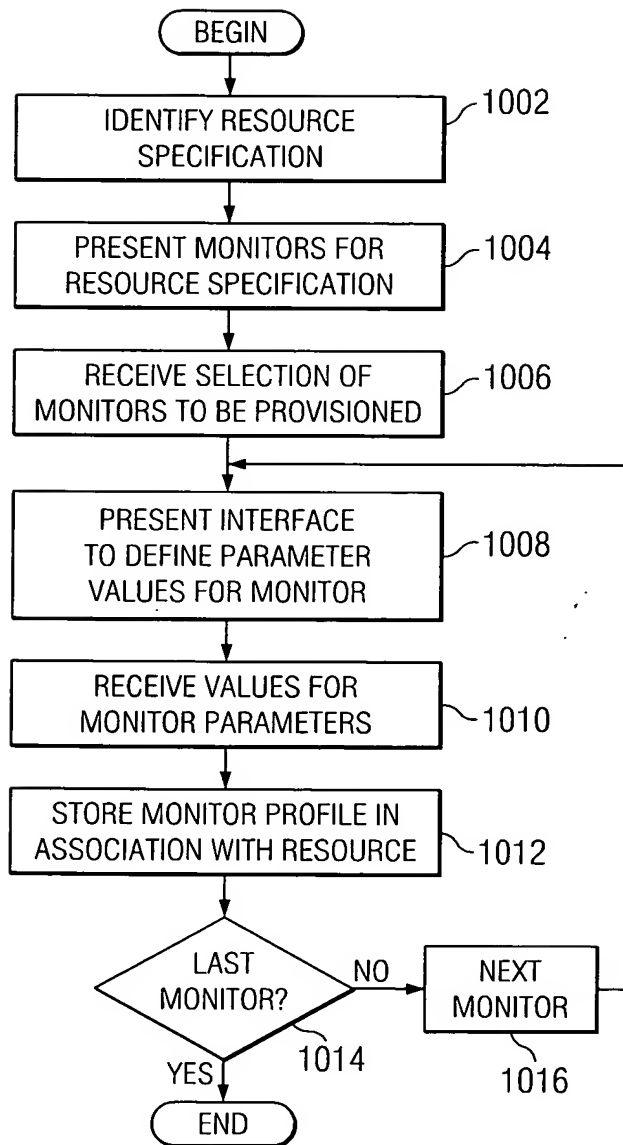


FIG. 10A

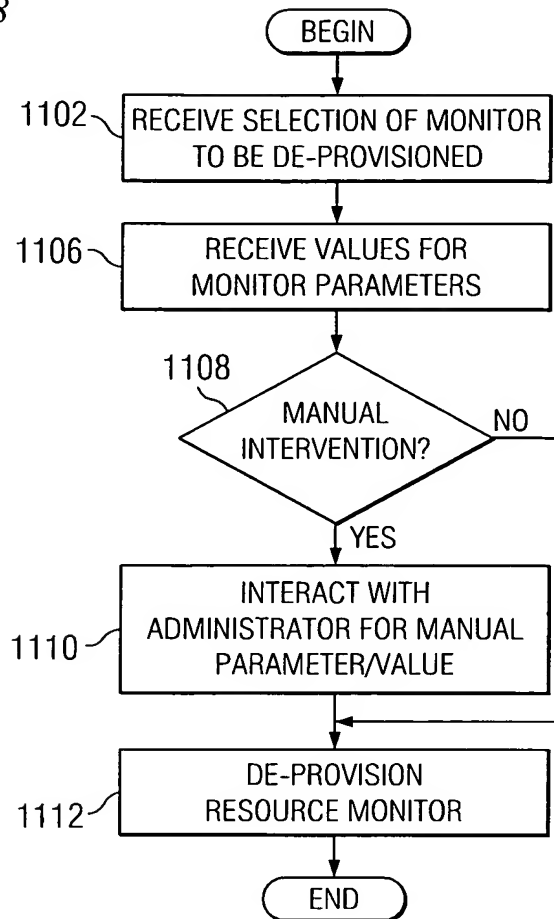


FIG. 11

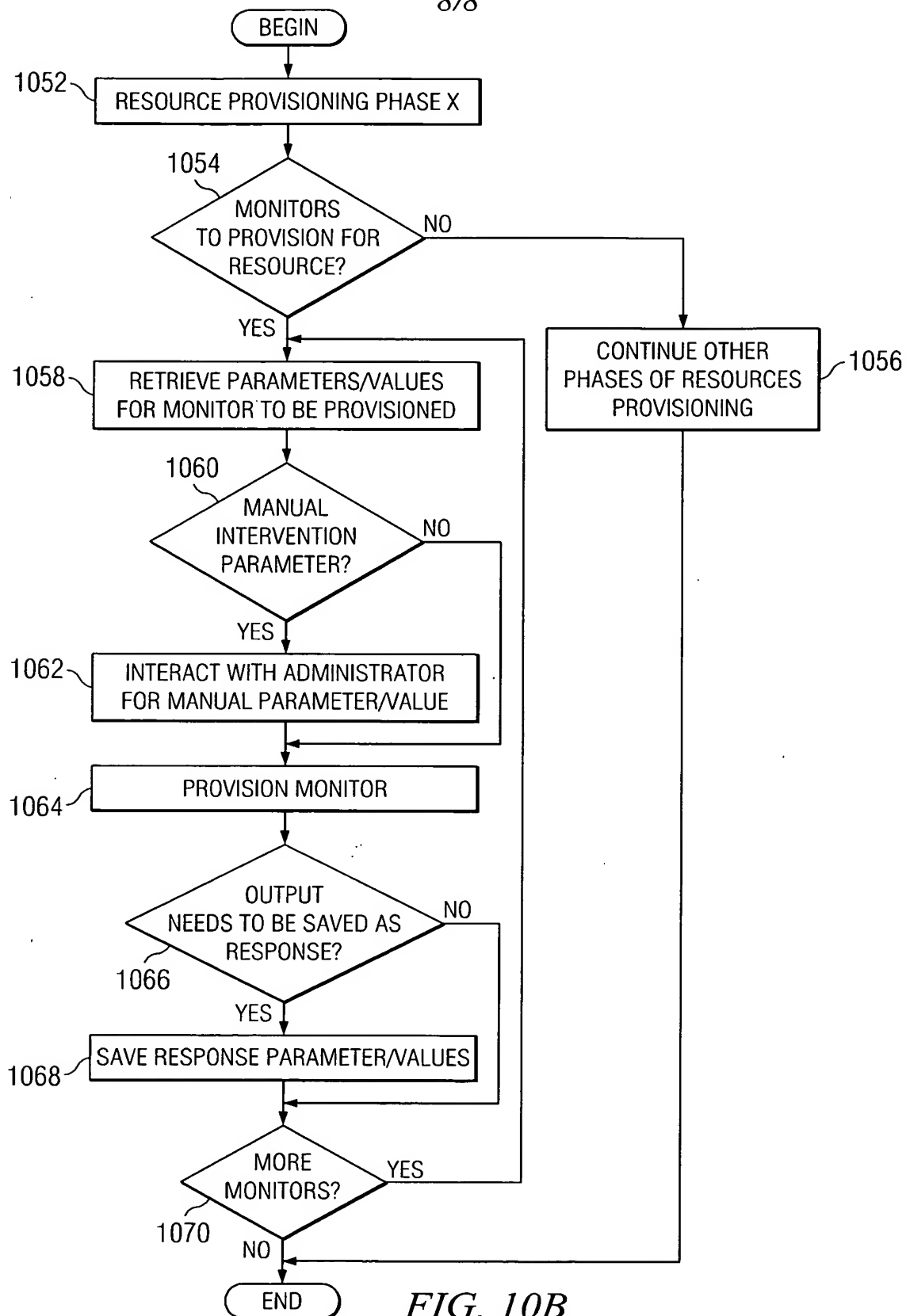


FIG. 10B